

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/786,478A
Source: 1FW9
Date Processed by STIC: 12/16/04

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RAW SEQUENCE LISTING

DATE: 12/16/2004

PATENT APPLICATION: US/10/786,478A

TIME: 15:22:27

Input Set : A:\PRD2045NP-US.Subst.Seq.List.txt

Output Set: N:\CRF4\12162004\J786478A.raw

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3 <110> APPLICANT: Chen, Jingcai
4      Kuei, Chester
5      Liu, Changlu
6      Lovenberg, Timothy W.
7      Sillard, Rannar
8      Sutton, Steven W.
10 <120> TITLE OF INVENTION: RELAXIN3-GPCR135 COMPLEXES AND THEIR PRODUCTION AND USE
12 <130> FILE REFERENCE: PRD2045NP-US
14 <140> CURRENT APPLICATION NUMBER: US 10/786,478A
15 <141> CURRENT FILING DATE: 2004-02-25
17 <150> PRIOR APPLICATION NUMBER: US 60/451,702
18 <151> PRIOR FILING DATE: 2003-03-04
20 <160> NUMBER OF SEQ ID NOS: 28
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25 <211> LENGTH: 40
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial
29 <220> FEATURE:
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51 <213> ORGANISM: Artificial
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63 <213> ORGANISM: Artificial
65 <220> FEATURE:

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87 <213> ORGANISM: Artificial
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154 aagagcctgc tgtggcgcat cgcgtctcct tcgatcacca gcatgcgccc cttcacgcgc 1260
156 actaccaagc cggagcacga ggatcagggg ctgcaggccc cggcgccgccc ccacgcggcc 1320
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166 <213> ORGANISM: Mouse

168 <400> SEQUENCE: 9

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187 taccactcgg tggcctcggc tctcaagagc catcggaacc gagggcggtg ccgtggcgac 600
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219 <211> LENGTH: 1431

220 <212> TYPE: DNA

221 <213> ORGANISM: Rat

223 <400> SEQUENCE: 10

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228 gttgccaaca ggagcagcaa tgcgtcgctg cagcttcagg acttggtggt ggagctgggg 180
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236 aaatcctcca ttaacctctt tgtaactaac ctggcgctga ctgactttca gtttgtgctc 420
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254 atctccgacc gccgcgtagt ggggacaacg gatggagcaa cagcgccctg ggggagcctg 960
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262 agcgtgtgcc tggcacactc caacagctgc ctcaaccca tcctctactg cttagtgcgc 1200
264 cgcgagttcc gcaaggcgct caagaacctg ctgtggcgta tagcatcgcc ttcgctcacc 1260
266 agcatgcgcc cttcaccgc caccaccaag ccagaacctg aagatcacgg gctgcaggcc 1320
268 ctggcgccac ttaatgctac tgcagagcct gacctgatct actatccacc cgggtgtggtg 1380
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275 <212> TYPE: DNA
276 <213> ORGANISM: Rat
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289 ctggttctct acctgatgaa gagcaaacag ggctggcgca aatcctccat taacctctt 360
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293 gagaacgcac tagatttcaa gtggcccttt ggcaaggcca tgtgtaagat cgtatctatg 480
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299 tgctgcggcc agagcttggg ggagagctgc tgtttctcag ccaagggtgct gtgtggattg 660
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328 <210> SEQ ID NO: 12
329 <211> LENGTH: 469
330 <212> TYPE: PRT
331 <213> ORGANISM: Homo sapiens

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340          20          25          30
343 Glu Ala Ala Asn Thr Ser Gly Asn Ala Ser Leu Gln Leu Pro Asp Leu
344          35          40          45
347 Trp Trp Glu Leu Gly Leu Gly Leu Pro Asp Gly Ala Pro Pro Gly His
348          50          55          60
351 Pro Pro Gly Ser Gly Gly Ala Glu Ser Ala Asp Thr Glu Ala Arg Val
352 65          70          75          80
355 Arg Ile Leu Ile Ser Val Val Tyr Trp Val Val Cys Ala Leu Gly Leu
356          85          90          95
359 Ala Gly Asn Leu Leu Val Leu Tyr Leu Met Lys Ser Met Gln Gly Trp
360          100         105         110
363 Arg Lys Ser Ser Ile Asn Leu Phe Val Thr Asn Leu Ala Leu Thr Asp
364          115         120         125
367 Phe Gln Phe Val Leu Thr Leu Pro Phe Trp Ala Val Glu Asn Ala Leu
368          130         135         140
371 Asp Phe Lys Trp Pro Phe Gly Lys Ala Met Cys Lys Ile Val Ser Met
372 145         150         155         160
375 Val Thr Ser Met Asn Met Tyr Ala Ser Val Phe Phe Leu Thr Ala Met
376          165         170         175
379 Ser Val Thr Arg Tyr His Ser Val Ala Ser Ala Leu Lys Ser His Arg
380          180         185         190
383 Thr Arg Gly His Gly Arg Gly Asp Cys Cys Gly Arg Ser Leu Gly Asp
384          195         200         205
387 Ser Cys Cys Phe Ser Ala Lys Ala Leu Cys Val Trp Ile Trp Ala Leu
388          210         215         220
391 Ala Ala Leu Ala Ser Leu Pro Ser Ala Ile Phe Ser Thr Thr Val Lys
392 225         230         235         240
395 Val Met Gly Glu Glu Leu Cys Leu Val Arg Phe Pro Asp Lys Leu Leu
396          245         250         255
399 Gly Arg Asp Arg Gln Phe Trp Leu Gly Leu Tyr His Ser Gln Lys Val
400          260         265         270
403 Leu Leu Gly Phe Val Leu Pro Leu Gly Ile Ile Ile Leu Cys Tyr Leu
404          275         280         285
407 Leu Leu Val Arg Phe Ile Ala Asp Arg Arg Ala Ala Gly Thr Lys Gly
408          290         295         300
411 Gly Ala Ala Val Ala Gly Gly Arg Pro Thr Gly Ala Ser Ala Arg Arg
412 305         310         315         320
415 Leu Ser Lys Val Thr Lys Ser Val Thr Ile Val Val Leu Ser Phe Phe
416          325         330         335
419 Leu Cys Trp Leu Pro Asn Gln Ala Leu Thr Thr Trp Ser Ile Leu Ile
420          340         345         350
423 Lys Phe Asn Ala Val Pro Phe Ser Gln Glu Tyr Phe Leu Cys Gln Val
424          355         360         365
427 Tyr Ala Phe Pro Val Ser Val Cys Leu Ala His Ser Asn Ser Cys Leu
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,18,19,20,21,22,23,24,25,26,27,28

VERIFICATION SUMMARY

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